

1 inventive concept herein taught and because many modifications may be made in the
2 embodiment(s) herein detailed in accordance with the descriptive requirements of the law, it is
3 to be understood that the details herein are to be interpreted as illustrative and not in a limiting
4 sense.

5 CLAIMS: I Claim:

6 1. An electronic computing system for use in the monitoring of telephone
7 communications over which users can communicate by means of spoken or GUI commands
8 comprising:

9 1) a telephone means for converting voice signals to electromagnetic signals having wave
10 characteristics;

11 2) an analog to digital converter means for converting the electromagnetic signals to a digital
12 format as a digital data pack containing the digital call and the call preselected data in the form
13 of collections of datum;

14 3) a phone interface means for associating telephone communications with call preselected data
15 from a group of data comprising start time, finish time, location numbers, pin numbers, name of
16 user, phone number called, location of origin, date, type (credit/debit/collect, local, long distance,
17 cost, minute, rate); (this step may be after 3 or during 3) *is 3?*

18 4) a data storage means for storing the digital data pack;

19 5) a data base containing pre-selected ring digital data corresponding to signals in a desired range
20 of timing and frequency from the group of ring types comprising primary rings, secondary rings,
21 dial tones, sound, DTMF;

22 6) a grouping function (a) for grouping datum into datum groups comparable to the ring digital

1 data;

2 7) a comparing function for (b) comparing the groups to the ring digital data; (c) determining on
3 the basis of a pre-selected percentage of certainty based on the amount of comparable datum
4 based on timing and frequency between the RDD and the DG as an identified group; (d)

5 8) a data base containing a pre-selected group of options for a particular ring or phone type from
6 the group of options comprising terminating the call, marking the call with a marking means for
7 associating a marker identifying the ring type with an identified group, playing a recorded
8 message in conjunction with the call, forwarding the call, monitoring the call, and storing the call
9 in a data base with the marker.

10 9) an output means for effectuating the response.

11 2. An electronic computing system for use in the monitoring of telephone
12 communications over which users can communicate by means of spoken or GUI commands
13 comprising:

14 1) a telephone means for converting voice signals to electromagnetic signals having wave
15 characteristics;

16 2) a phone interface means for associating telephone communications with call preselected data
17 from a group of data comprising start time, finish time, location numbers, pin numbers, name of
18 user, phone number called, length of call, and location of origin.

19 3) an analog to digital converter means for converting the electromagnetic signals to a digital
20 format as a digital data pack containing the digital call and the call preselected data in the form
21 of collections of datum;

22 4) a data storage means for storing the digital data pack;

1 5) a data base means for containing pre-selected voice digital data corresponding to specific
2 words converted to digital data in a desired range of timing and frequency from the group various
3 languages;

4 6) a GUI interface for entering code words into a database;

5 7) a means for converting the code words into phonic digital data corresponding to at least one
6 pronunciation (or a plurality of pronunciations) for the word;

7 8) a grouping function (a) for grouping datum into datum groups comparable to the voice digital
8 data;

9 9) a comparing function for (b) comparing the groups to the phonic digital data; (c) determining
10 on the basis of a pre-selected percentage of certainty based on the amount of comparable datum
11 based on timing and frequency between the VDD and the DG as an identified group;

12 10) a data base containing a pre-selected group of options for a particular word type from the
13 group of options comprising terminating the call, marking the call with a marking means for
14 associating a marker identifying the ring type with an identified group, playing a recorded
15 message in conjunction with the call, forwarding the call, monitoring the call, and storing the call
16 in a data base with the marker to make a marked phonic digital data;

17 11) an output means for effectuating the response;

18 3. The invention of claim 2 further comprising: 12) A GUI interface for obtaining digital
19 data packs or portions of digital data packs (based on length from a marked phonic digital data.

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21 4. The invention of claim 2 further comprising an encoding means for selectively
22 encoding the data so that it would be unalterable without modification of the data.

1 5. An electronic computing system for use in the monitoring of telephone
2 communications over which users can communicate by means of spoken or GUI commands
3 comprising:

4 1) a telephone means for converting voice signals to electromagnetic signals having wave
5 characteristics;

6 2) a comparing means for associating telephone communications with call preselected data from
7 a group of data comprising start time, finish time, location numbers, pin numbers, name of user,
8 phone number called, and location of origin;

9 3) a data base containing a pre-selected group of options for a particular word type from the group
10 of options comprising terminating the call, marking the call with a marking means for associating
11 a marker identifying the ring type with an identified group, playing a recorded message in
12 conjunction with the call, forwarding the call, monitoring the call, and storing the call in a data
13 base with the marker to make a marked phonic digital data;

14 4) an output means for effectuating the response.

15 6. The invention of claim 5 further comprising a data base containing pre-selected
16 telephone numbers selected by the group comprised of GUI interface prepared list, area code,
17 geographic location of called number, name list (last, first, etc.) of number user, dial tones type,
18 telephone number, and number of rings.

19 7. The invention of claim 5 further comprising a grouping function (a) for grouping
20 datum into datum groups comparable to the ring digital data; a comparing means for (b)
21 comparing the groups to the ring digital data; (c) determining on the basis of a pre-selected
22 percentage of certainty based on the amount of comparable datum based on timing and frequency

1 between the RDD and the DG as an identified group; d) a data base containing a pre-selected
2 group of options for a particular ring type from the group of options comprising terminating the
3 call, marking the call with a marking means for associating a marker identifying the ring type with
4 an identified group, playing a recorded message in conjunction with the call, forwarding the call,
5 monitoring the call, and storing the call in a data base with the marker and e) an output means for
6 effectuating the response said output means comprising one or more of a group comprising
7 alerting a listener, dialing a listener, storing the call for the listener, playing back a stored call,
8 playing the call as it is received for the listener, giving at least some of the pre-selected data on
9 the call to the listener, conferencing the call to other listeners, and encoding the call.

10 8. An electronic computing system for use in the monitoring and tracking of telephone
11 communications over which users can communicate by means of spoken or GUI commands
12 comprising:

13 1) a telephone means for converting voice signals to electromagnetic signals having wave
14 characteristics;

15 2) a phone interface means for associating telephone communications with call preselected data
16 from a group of data comprising start time, finish time, location numbers, pin numbers, name of
17 user, phone number called, and location of origin;

18 3) an analog to digital converter means for converting the electromagnetic signals to a digital
19 format as a digital data pack containing the digital call and the call preselected data in the form
20 of collections of datum;

21 4) a data storage means for storing the digital data pack.

22 9. The invention of claim 8 further comprising a data base containing pre-selected

1 telephone numbers selected by the group comprised of GUI interface prepared list, area code,
2 geographic location of called number, name list (last, first, etc.) of number user, dial tones type,
3 telephone number, and number of rings; a grouping means (a) for grouping datum into datum
4 groups comparable to the ring digital data; a comparing means for (b) comparing the groups to
5 the ring digital data; (c) determining on the basis of a pre-selected percentage of certainty based
6 on the amount of comparable datum based on timing and frequency between the RDD and the DG
7 as an identified group; a data base containing a pre-selected group of options for a particular ring
8 type from the group of options comprising terminating the call, marking the call with a marking
9 means for associating a marker identifying the ring type with an identified group, playing a
10 recorded message in conjunction with the call, forwarding the call, monitoring the call, storing
11 the call in a data base with the marker, and encoding the data and storing the data in the encoded
12 form; and an output means for effectuating the response said output means comprising a means
13 for doing items from the list comprising alerting a listener, dialing a listener, storing the call for
14 the listener, playing back a stored call, playing the call as it is received for the listener, (3) giving
15 at least some of the pre-selected data on the call to the listener, conferencing the call to other
16 listeners, encoding the call data so that changes to the data make changes from the group
17 comprising: changing a numeric sum based on the data, and marking the data to show the change.

18 10. The invention of claim 9 wherein the step of encoding comprises the steps of (1)
19 taking the digital data pack (including start and finish numbers, location, pin number, digitally
20 converted analog conversation/rings, etc.) running an algorithm to select the numbers according
21 to a preselected formula, determining a mathematical equation based on the manipulation of
22 selected numbers from the group comprising (sum, subtraction, multiplication, division,

1 integration, and encryption) according to the selection of a key alphanumeric unlocking code.

2 11. An electronic computing system for use in the monitoring of telephone
3 communications over which a specific person can communicate by means of spoken or GUI
4 commands comprising:

5 1) a telephone means for converting voice signals to electromagnetic signals having wave
6 characteristics;

7 2) a means for reading a biological marker from the group comprising thump print, finger print,
8 retinal pattern, toe print, and signature;

9 3) A database of stored copies biological person specific markers and associated PIN numbers;

10 4) a comparison means for comparing the biological market to the database of stored copies;

11 5) a data base containing a pre-selected group of options for a particular PIN number from the
12 group of options comprising initiating the call, terminating the call, marking the call with a
13 marking means for associating a marker identifying the ring type with an identified group, playing
14 a recorded message in conjunction with the call, forwarding the call, monitoring the call, storing
15 the call in a data base with the marker, and billing the person.

16 12. A telephone system for transferring speech to a telephone company comprised of at
17 least one telephone; at least one modem connected to a computer BUS, a phone line connecting
18 the at least one telephone to the at least one modem; at least one second modem connected to the
19 computer bus connected to the telephone company for connecting the at least one telephone to
20 the telephone company over the BUS; a controller means for controlling communication between
21 the first modem for transferring data and the second modem means for transferring data.

22 13. The invention of claim 12 further comprising a voice database of at least one tone

1 signal and a comparing means in communication with the controlling means for comparing the
2 database of signals to the speech; an output means for effectuating a response to when the speech
3 corresponds to the at least one tone signal.

4 14. The invention of claim 13 wherein the voice database is in digital format and wherein
5 the controlling means and wherein the speech is digital and further comprises a converting means
6 for converting the speech from analog to digital.

7 15. The invention of claim 14 wherein the controlling means comprises a database of
8 responses available from the group comprised of initiating the call, terminating the call, marking
9 the call with a marking means for associating a marker identifying the ring type with an identified
10 group, playing a recorded message in conjunction with the call, forwarding the call, monitoring
11 the call, storing the call in a data base with the marker, and billing the person.

12 16. The invention of claim 12 further comprising a third modem and wherein the third
13 modem means is in communication with a central unit means responds to speech information by
14 sending the controller means information to send to the telephone company to complete the call.

15 17. The invention of claim 12 further comprising a mirroring means for storing a copy
16 of the data while it is received.

17 18. The invention of claim 12 further comprising a fourth modem means for transferring
18 data connecting the controlling means with a large storage unit for maintaining the information.

19 19. The invention of claim 12 further comprising a network card means for transferring
20 data and at least one local area network connected to the network card means and at least one GUI
21 connected to the local area network for receiving information from the controller means relative
22 to the speech.

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